Manuals+ — User Manuals Simplified.

SONBUS SM7330M Bus Type Bracket Type Temperature Sensor User Manual

Contents

SONBUS

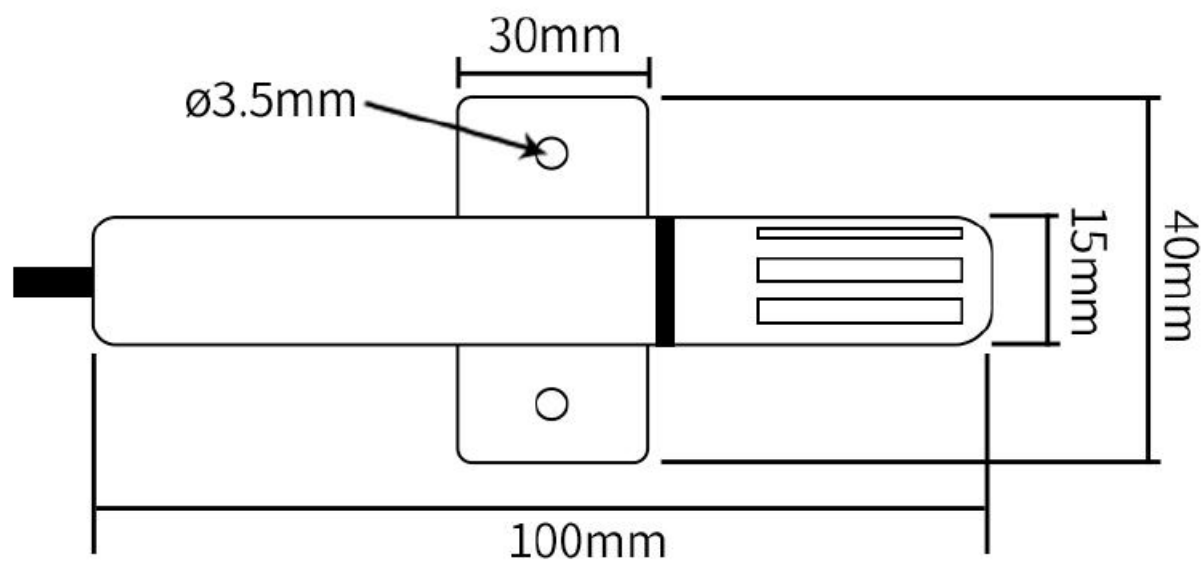**SONBUS SM7330M Bus Type Bracket Type Temperature Sensor**

SM7330M using the standard,easy access to PLC DCS and other instruments or systems for monitoring temperature, and humidity state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability can be customized RS232, RS485, CAN,4-20mA, DC0~5V\10V, ZIGBEE, Lora, WIFI, GPRS and other output methods.
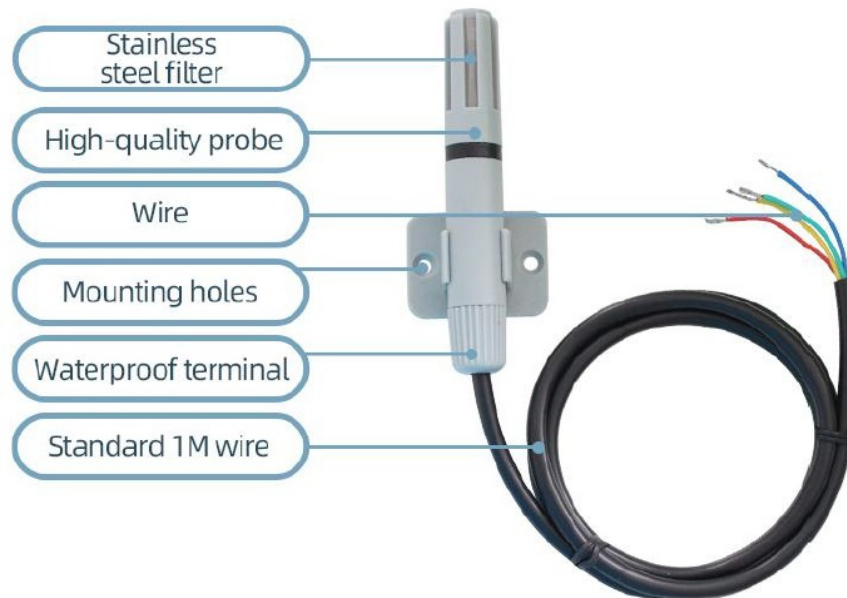
Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

Product Size

How to wiring?

Stainless steel filter

High-quality probe

Wire

Mounting holes

Waterproof terminal

Standard 1M wire

RS485 Wire

🟥	RD	PWR+
🟩	GN	PWR-
🟨	YE	RS485 A+
🟦	BU	RS485 B-

Current-type two-wire wire

🟥	RD	PWR+
⬛	BK	PWR-

Current-type three-wire wire

🟥	RD	PWR+
⬛	BK	PWR-
🟦	BU	I OUT

Voltage T wire

🟥	RD	PWR+
⬛	BK	PWR-
🟦	BU	V OUT

Voltage T&H wiring

🟥	RD	PWR+
🟩	GN	PWR-
🟨	YE	H OUT
🟦	BU	T OUT

Note: When wiring,first connect the positive and negative poles of the power supply, and then connect the signal line

Application solution

■RS485 Wiring

RS485 Converter

Wiring

Data transmission

Computer side

■ Current two-wire wiring

PWR DC12~24V

RD:PWR+

BK:PWR-
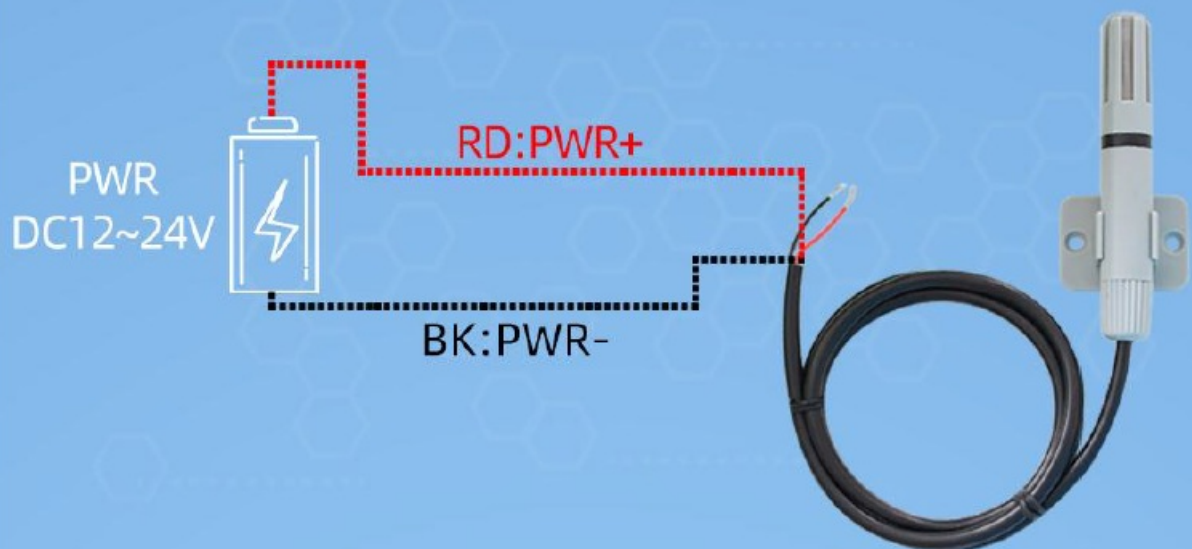
Current three-wire wiring

RD:PWR+

PWR
DC12~24V

Ammeter + −

BU:I OUT

BK:PWR−

Voltage wiring

RD:PWR+

电源
DC12~24V

Voltmeter + −

BU:V OUT

BK:PWR−
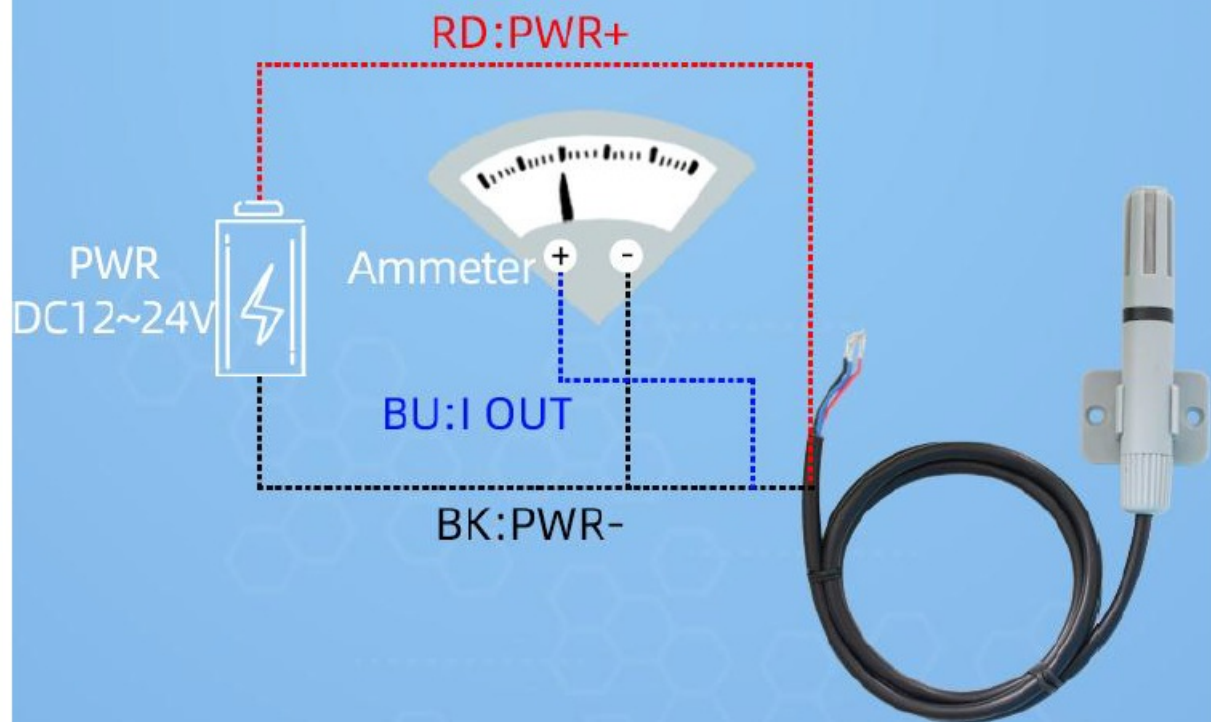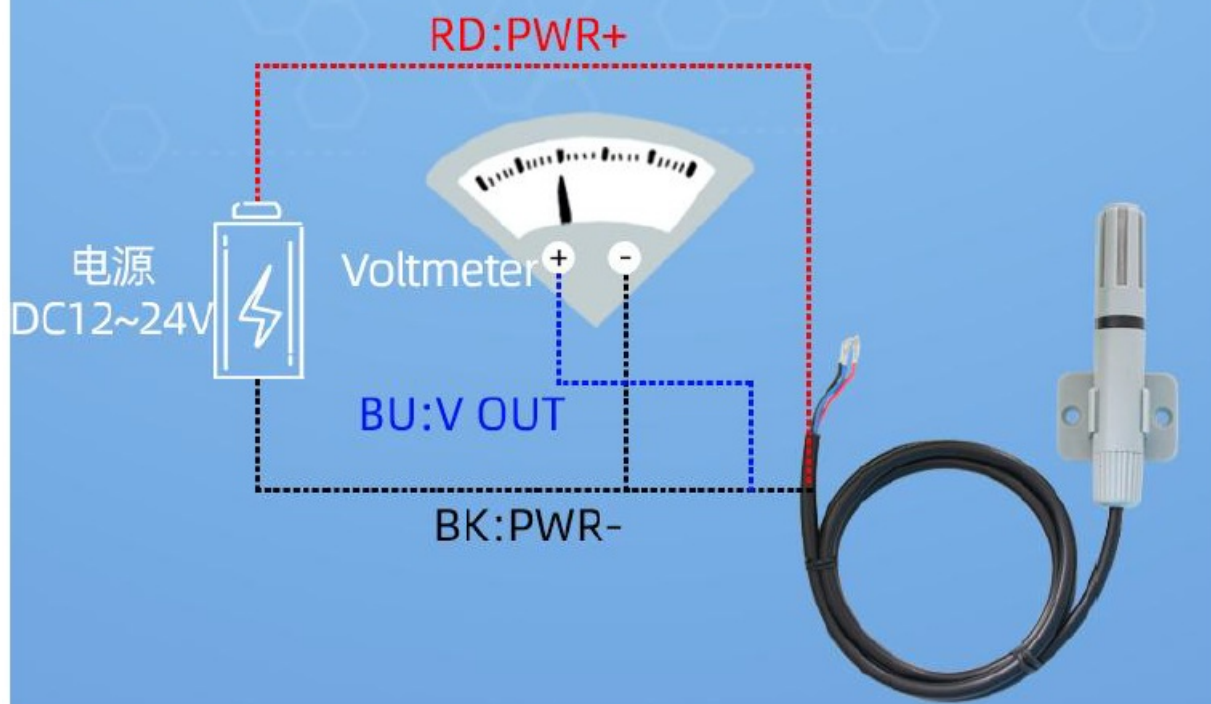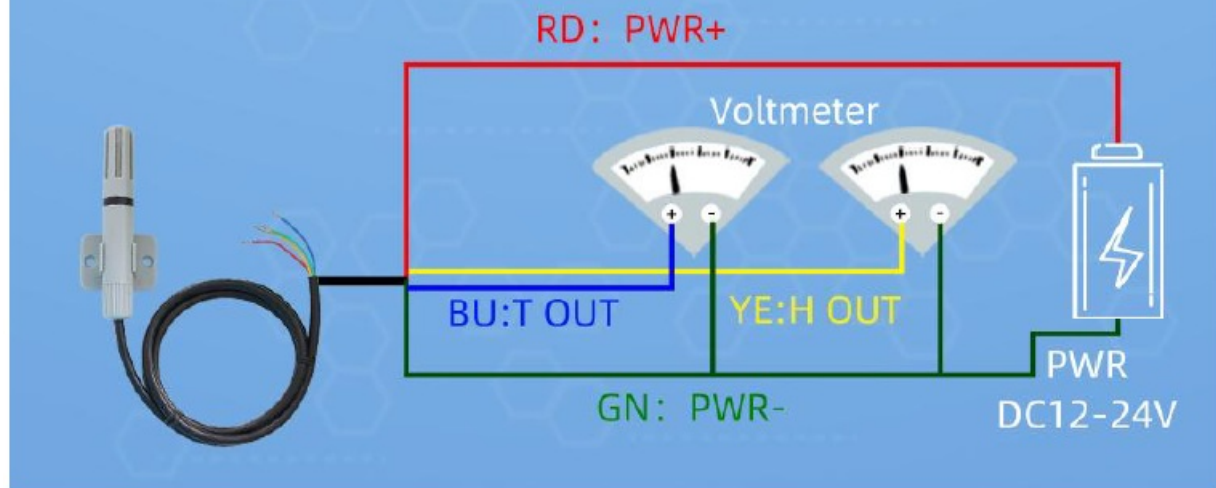
How to use?

Food storage

Temperature and humidity are very important for food storage. Changes in temperature and humidity will bring about food spoilage and cause food safety problems. Monitoring of temperature and humidity is beneficial to the timely control of relevant personnel

Greenhouse

Cooperate with sensors to effectively manage, create a good lighting environment for crops, and promote better photosynthesis

Tobacco industry

Tobacco raw materials need to be controlled in temperature and humidity during fermentation. Temperature and humidity sensors can be used to monitor the temperature and humidity when the site environment is convenient.In a complex environment, the temperature and humidity sensors such as RS485 can be used to detect and control tobacco The temperature and humidity of the package can avoid insect pests.If not handled properly, it will cause a large amount of loss of raw materials

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Documents / Resources

	SONBUS SM7330M Bus Type Bracket Type Temperature Sensor [pdf] User Manual SM7330M Bus Type Bracket Type Temperature Sensor, SM7330M, Bus Type Bracket Type Temperature Sensor

References

- 🌐 **Home-ä¸Šæµ·æœåšå®žä¸šæœ‰é™å…¬å¸**
- 🌐 **Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY**
- 🌐 **Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY**